

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/020,141

DATE: 01/03/2002
TIME: 13:38:45

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\01032002\J020141.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: McCarthy, Jeanette
4 Ableson, Allen
6 <120> TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF VASCULAR DISEASE
8 <130> FILE REFERENCE: MMI-002
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/020,141
C--> 10 <141> CURRENT FILING DATE: 2001-12-14
10 <160> NUMBER OF SEQ ID NOS: 21 *move down*
W--> 12 <150> PRIOR APPLICATION NUMBER: US 60/313,097
W--> 13 <151> PRIOR FILING DATE: 2001-08-16
W--> 15 <150> PRIOR APPLICATION NUMBER: US 60/327,485
W--> 16 <151> PRIOR FILING DATE: 2001-10-05
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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21 <211> LENGTH: 174566
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <220> FEATURE:
26 <221> NAME/KEY: misc_feature
27 <222> LOCATION: (1)..(174566)
28 <223> OTHER INFORMATION: n = a,c,t or g
30 <400> SEQUENCE: 1
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32 gaaaaagatg aaaaaacaca gagagagaga gagaaagtgt gtgtgtgtgt gtgtgtatga 120
33 aaaaaacaga ggttgtgtat gcgtgtatat tgtgtgtgaa tattgtttgt gtatattgtg 180
W--> 34 tttgtatatt ctacccctct ctaataaagt tttataatat acaaacacac ncaatata 240
35 cacatacaca catatacaca cacaactct agaacaatt aaataggttt tctctaattt 300
36 attaggatag gtaaaagtagg aagctaggca gcagagggca ttaaagccat taccaggtat 360
37 aaacttaag tagtcactgg aaatcattat ggcttctaa acaaacaagt gatgatcaaa 420
38 ctgatgtctg aacttgatga ttcttaaat gattattaa aagatgattc tttaaagaa 480
39 gatgtgtaaa tagtacatac agcaagatac atgtccctat cttgtgaaag aaattttaa 540
40 gtgaacaaaa ttcccattt aaaattaaaaa gctctttt aattttacag gtagaaacag 600
41 caagtcacct taagcaaatt tgagataaaa tggaaaatca tttgcagcca ctgttaggggt 660
42 agaataacag aaacattttt ctttcattcag ctcagcttct atacatccaa taccacatgg 720
43 aatgcagaaaa tctggggaaa gggggacca ttatcataaa aagcccaggt aaaagaagag 780
44 aatgagttc caactattat tcttgagatt caaagttgc ataatctgtc agagagggat 840
45 agggtaaaaa aaaaaaaaaaa aaagatgaaa tgaggggcct ggtcactgta ttgagtca 900
46 aaggggaaag atggttctaa attcatgagg tggctgataa gaactctatt ctcaccta 960
47 cctctaagac ttgggattgt aaagtggctg ctgagtgaa ataaagagct gtacctttga 1020
48 gaatctgtt tagttgtca tggggctttc ttgcttgaac tcacacaatg cttccttgat 1080
49 gcaggtccat ataaagagct atacgcttgg gatcactgt gctcacaccc gccatctc 1140
W--> 50 cttttcaga ggccaagcgg ggaattgctt gataccagga gttcaagacc agcctgagca 1200
51 acacaggag accacatctc tacaatagat tattttaaa aatttagctgg gctgagtgcc 1260
52 atgtgcctgt gatcccagct acttggaaag ctgaggtgaa aggattttt gagcccagga 1320
53 ggtctaggct gcagtgtgca atgattcagc cattgcactc cagccttagat gacagagcaa 1380
54 gaccctgtc caaaaaaaaaa attatgaatg gctagtaagc atgtgaaaat atgcttgaca 1440
55 tcattactca ttaaggaaat gcaaaaactaa aaccacagtg aaataccatt tcacacccat 1500
56 tataacagtt ataataaaaaa aaaaaatcaa gtgtgagaa gatgtgaaga aactagaatc 1560

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57 ctcatacatt gttggtaaaa aatgaaaatg ttataaacac tttggaaaac agttttgaca 1620
 58 gtttaagagt taaacataaa ttacccatat agactaaaat tcttcttta gaatctccc 1680
 59 caagagaaat aaaagtgtat gtccagagga agacatgtat acaaatgtta atttcagtt 1740
 60 tattcataac agccccaac tggaaataat caaatgtcca tgagccatg gaccaccaac 1800
 61 aaagtaaaga atatccatac aatataatat agatttattt agcctaaaaa gggatgaac 1860
 62 taccgataca tactacataa attaacctta gaaaccagaa gtgtgtatgc accaaaaatgg 1920
 63 cagaacagaa gcaatctggc ttcatctcc cctactgaaa accaaaaaca aatatccagt 1980
 64 gccaagatta acaccagtaa tatcccagaa ctcacatctg aagctgaaat gactcctggg 2040
 65 ggcacagaga agtggaaatc tccaaggcaga tggtaagaaa aaaggacttc tatatccaca 2100
 66 acacccctcc cccaaactgc caggtaccat gaggaaaatg cccctgaaa tcttcatttc 2160
 67 tacagtggaa aaagtggac catggcagtc agccagcttc cccaccatct tgggttcctt 2220
 68 tacaggaaaa ccattcctga atcaacccaa aggaagtatt atgagtgctt ataggcaata 2280
 69 aacccctga gggcagctg aaactaaaag agaggtgggaa ccagcaaccc caggccacaa 2340
 70 aattctgctc tttatctcag ccaaaggaga caccaaatca gatggctgt tcagcagttac 2400
 71 cacactgttag gaaggcacat gccatggctc cactcagcat gaacctatag acagccttcc 2460
 72 cacacagcta gaggatcgct tttgagaccc ccccatggta gacatgcagg actctgaaca 2520
 73 gttgtgaagc caaggcaaat ctgggtttaa aatacaatct agtaacaaaa agatgcagtg 2580
 74 atctagggtt aaggtgactc aacaggcaaa gtgcaaaaaat cctctaagca tatataccct 2640
 75 gggaaagacca aaacaagcta gacagcaaag actgaaataa ataattaatg gttcaatgac 2700
 76 aagatataga catatgtcca caaggaagaa cagcaaacta ggaaccatga cctcctcaga 2760
 77 tggacagagt aaagaactag taactgaccc taataagaca gcaatgtgtg agctctcaga 2820
 78 taaagaatcc aaaatagttt ttttaaggaa atctcatcaa agactgtaga gacaaagaag 2880
 79 gtcaccaagt aataataaaag gggctgatcc agtaagagga tataacaatt ataaatatgt 2940
 80 atgtacacaa caacagagga cccaaatata taaagcaaac attaataagac ctaaaggag 3000
 81 agagagactg caatgcaatc ctatcgagg acttcaacac accattctca gtaatggaca 3060
 82 gatgatccag aaagaaaatc aacaaagaaa catcaaagtt aaactacact ctatcgaaa 3120
 83 tgaacctgac atttgcagaa catttcattcc aactgctgca aatacacatt attctcatca 3180
 84 gcacatcgaa cattctccag gataggccac acgtcaggcc acaaaaagaag tctcaacaaa 3240
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 88 gcatttccaa ctgacgtacc ctgctcatct cattggact ggttggcag tgggtgcagc 3480
 89 ccatggaggg cgagcagaag cagggttggg catgcctca cccacgaagt gcaaggagca 3540
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 93 tggggctt gacaccaagc tagctgcagg agttttttt tgtacccag aggcacccgg 3780
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 96 aaattctcgcc taccacca gcaatctgaa gtcaaaactag gaggatcaag cttgggtgtt 3960
 97 ggaaggccat ctgccattac tgaggcttgc tttccctga cagcgctaaa aaggcctgga 4020
 98 agttcggact ggtggagct caacacagtg tggcaaagt gctgcagcca gactgcctct 4080
 99 ctagattcct cttcaactggg aaggccatct ctgaaagaaa ggcaccagcc ccagtcaagg 4140
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 104 tcagacaccc catgcaggag agctctggct ggcacccatc tgggtccctt ctgggacaaa 4440
 105 gcttccagaa gaaggagcaa cagcaatctt tgctgttgc cagcctacac tagtaatacc 4500

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106 caggcacata aggtctggaa tggacctcca gcaaactgca gcagacctgc agaagacggg 4560
 107 catgactgtt agaagaaaaa gtaacaaaca gaaagcagta acatcatcaa cataaggaac 4620
 108 ccccatacag aaacaccatc caaagatcaa agtaggtaa atccataaag atgaggacaa 4680
 109 accagcacaa aaacgctgaa aattccaaaa accagaatgc ctcttctcct ccaaatgatt 4740
 110 gcaactcctc tctagcaagg gcacaaaact agacagagaa tgagttgtat gatttgacag 4800
 111 acgttaggctt cagaagggtgg gtaataaaca actcctctga gctaaaggag catgttctaa 4860
 112 cccaatgcaa agaagctaag aaccctgaca aaaggttaca ggaactgcta atagaacaac 4920
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 118 ttatctggga gaacttcccc aatctagcaa gacagggcaa cattcaaatt caggaatac 5280
 119 agagaatacc actaagatac tccttgagaa gagcaaccct aaggcacaaa atcatcagac 5340
 120 tctccacggc tgaaatggag gaataaaaagt tggctgagcg tggctgctca cgcctgtat 5400
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 131 tgcaaaaaaaaaa aaaaacagtc gtatataaag accaatcaca ctatgaagaa actgcataa 6060
 132 ctaatgttca aaataaccag cttagcatcat gatgacagga tgaaattaac atagaacaat 6120
 133 attaacctta aatgtgaagg ggctaaatgc cccaaattaaa agacacagac tggcaaatta 6180
 134 aatgtattca ggagacccat ctcacatgca aagacacaca taggctcaaa ataaaggat 6240
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 137 aagaaggat taatgcaaca agaagagcta actatcctaa atatatatgc acccaatgca 6420
 138 ggagtacccc gattcataaa acaagtttctt tgagacgtac aaagatactt agactccac 6480
 139 acaatgaaag tgagagaatt tcacacccca ctatcaatag tcgacagctc aaggaaacaa 6540
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VERIFICATION SUMMARY
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Input Set : A:\Seqlist.txt
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L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:12 M:281 W: Numeric Fields not Ordered, <150> not ordered!.
L:13 M:281 W: Numeric Fields not Ordered, <151> not ordered!.
L:15 M:281 W: Numeric Fields not Ordered, <150> not ordered!.
L:16 M:281 W: Numeric Fields not Ordered, <151> not ordered!.
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

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L:2879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:2880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

1/3/02

file:///C:/Crf3/Outhold/VsrJ020141.htm